

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| Application of: |) |
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| DAVID J. BEEBE ET AL. |) |
| |) |
| Serial No.: 10/045,937 |) |
| |) |
| Filed: October 19, 2001 |) |
| |) |
| Examiner: Lyle Alexander |) |
| |) |
| Art Unit: 1743 |) |
| |) |
| METHOD AND APPARATUS FOR |) |
| MONITORING THE ENVIRONMENT |) |
| WITHIN A MICROFLUIDIC DEVICE |) |

RESPONSE TO OFFICE ACTION

Sir:

In response to the Office Action dated December 12, 2006, please amend the above-identified application as follows:

- **Amendments to the Claims** is reflected on page 2 of this paper.
- **Remarks** begin on page 5 of this paper.